

Amendments to the Claims:

Listing of Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

1.-12. (Cancelled)

13. (Currently Amended) A poker vibrator ~~to densify~~ for densifying a flowing material comprising:

- a vibration unit in which an oscillator with an electric motor is located;
- a switching unit separated from the vibration unit through an elastic connection;
- a measurement device ~~that~~ detects at least one operating parameter of the poker vibrator; and with
- an evaluation circuit ~~that~~ evaluates measured values detected by the measurement device and that produces a signal based on a measured change in the operating parameter that corresponds to a change in a densified state of the material;

wherein

- ~~the~~ at least one operating parameter is a ~~parameter~~ from the group consisting of ~~the~~ a motion of the vibration unit, ~~the~~ an oscillatory amplitude of the vibration unit, ~~its~~ an oscillatory frequency of the vibration unit, ~~the~~ an RPM of the

- electric motor, ~~the~~ an electric excitation frequency of the electric motor, and
the a winding temperature of a stator of the electric motor; ~~and that~~
- ~~a signal is produced by the evaluation circuit from the measured value and
thus from a change in the operating parameter that corresponds to a change
in a densified state of the material.~~

14. (Currently Amended) A poker vibrator according to claim 13, wherein the
evaluation circuit ~~is designed to feed~~ s electrical energy to the measurement device.

15 (Previously Presented) A poker vibrator according to claim 13, wherein the
measurement device includes at least one motion measurement device provided in the
vibration unit.

16. (Previously Presented) A poker vibrator according to claim 15, wherein the
evaluation circuit is provided inside the switching unit to feed the motion measurement
device and evaluate the signals sent from the motion measurement device.

17. (Previously Presented) A poker vibrator according to claim 13, wherein the
motion measurement device is an acceleration detector.

18. (New) A poker vibrator according to claim 17, wherein a measurement direction of the acceleration detector is generally perpendicular to the longitudinal axis of the vibration unit.

19. (New) A poker vibrator according to claim 13, wherein the motion measurement device is a combination of a first acceleration detector and a second acceleration detector that measure accelerations in mutually perpendicular directions from each other.

20. (New) A poker vibrator according to claim 19, wherein the measurement directions of both the first and second acceleration detectors are generally perpendicular to the longitudinal axis of the vibration unit.

21. (New) A poker vibrator according to claim 13, further comprising:
a display that illustrates a change in the densified state of the material to an operator.

22. (New) A poker vibrator according to claim 21, wherein the display includes a light bar having a variable length of illumination depending on the densification state of the material.

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23. (New) A poker vibrator according to claim 21, wherein the display provides a variable brightness depending on the densification state of the material.
24. (New) The poker vibrator according to claim 13, wherein the evaluation circuit detects an optimum densification state of the material and generates a signal indicative thereof.